

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2058_01_s_2013_6				
Comment Code					
Inspector Comment					
The LMA has current flood fight training.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2058_01_s_2013_7				
Comment Code					
Inspector Comment					
Flood fight supplies are available on-site at the office.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2058_01_s_2013_9				
Comment Code					
Inspector Comment					
The O&M Manual is available at the district office.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	0.23	Rating **	M	Issue No.	4
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.804351 °	37.804351 °
				-121.418433 °	-121.418433 °
DWR ID	DWR_RD2058_01_f_2013_4				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Wild rose on the levee. This area is riparian rabbit habitat.					

Photo 1 of 1 : SP_2016_RD2058_111_4_20160229_00004.jpg



View of the wild rose habitat for the brush rabbit.

LM Start	0.25	Rating **	M	Issue No.	19
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.804461 °	37.804756 °
				-121.418241 °	-121.417384 °
DWR ID	DWR_RD2058_01_s_2016_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2058_111_19_20160324_00038.jpg



View of the vegetation on the landside levee slope.

LM Start	0.41	Rating **	M	Issue No.	21
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.803799 °	37.803436 °
				-121.415675 °	-121.415283 °
DWR ID	DWR_RD2058_01_s_2016_21				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2058_111_21_20160324_00039.jpg



View of the vegetation on the landside levee slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	1.70	Rating **	C	Issue No.	961
LM End	1.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.804333 °	37.804615 °
				-121.393657 °	-121.392588 °
DWR ID	DWR_RD2058_01_s_2012_961				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA removed vegetation fall 2015.					

No Photos

LM Start	1.82	Rating **	U	Issue No.	11
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.804785 °	37.804785 °
				-121.391524 °	-121.391524 °
DWR ID	DWR_RD2058_01_f_2013_11				
Comment Code					
MA : Material					
Inspector Comment					
Pile of concrete contains rebar on landside slope obstructing visibility and access.					

Photo 1 of 1 : SP_2016_RD2058_111_11_20160229_00005.jpg



View of the concrete with rebar placed on the landside slope.

LM Start	2.39	Rating **	A/W	Issue No.	16
LM End	2.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.802782 °	37.802782 °
				-121.381413 °	-121.381413 °
DWR ID	DWR_RD2058_01_s_2012_16				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry growing on landside toe. The LMA maintains the shrub to allow visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	2.44	Rating **	M	Issue No.	23
LM End	2.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.802608 °	37.801509 °
				-121.380638 °	-121.375805 °
DWR ID	DWR_RD2058_01_s _ 2016_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2058_111_23_20160324_00040.jpg



View of the vegetation on the landside levee slope.

LM Start	2.61	Rating **	A/W	Issue No.	63
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801962 °	37.801962 °
				-121.377684 °	-121.377684 °
DWR ID	DWR_RD2058_01_s _ 2012_63				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry on waterside slope.					

No Photos

LM Start	2.63	Rating **	A/W	Issue No.	64
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801876 °	37.801876 °
				-121.377291 °	-121.377291 °
DWR ID	DWR_RD2058_01_s _ 2012_64				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	2.64	Rating **	A/W	Issue No.	65
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801823 °	37.801823 °
				-121.377068 °	-121.377068 °
DWR ID	DWR_RD2058_01_s_2012_65				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.72	Rating **	A/W	Issue No.	66
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801497 °	37.801497 °
				-121.375586 °	-121.375586 °
DWR ID	DWR_RD2058_01_s_2012_66				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.75	Rating **	A/W	Issue No.	17
LM End	2.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801367 °	37.801367 °
				-121.375094 °	-121.375094 °
DWR ID	DWR_RD2058_01_f_2015_17				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA removed vegetation fall 2015.					

Photo 1 of 1 : SP_2016_RD2058_111_17_20160229_00008.jpg



View of the willows on the waterside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	3.53	Rating **	A/W	Issue No.	68
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.794396 °	37.794396 °
				-121.364944 °	-121.364944 °
DWR ID	DWR_RD2058_01_s_2012_68				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
The LMA maintains the shrub to allow visibility.					

No Photos

LM Start	3.72	Rating **	M	Issue No.	974
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.791856 °	37.791856 °
				-121.363514 °	-121.363514 °
DWR ID	DWR_RD2058_01_s_2012_974				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Flagged bushes obstructing visibility and access.					

No Photos

LM Start	3.91	Rating **	A/W	Issue No.	22
LM End	3.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789434 °	37.789434 °
				-121.361721 °	-121.361721 °
DWR ID	DWR_RD2058_01_s_2014_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA removed vegetation in Fall 2015.					

Photo 1 of 1 : SP_2016_RD2058_111_22_20160229_00011.jpg



View of the tall vegetation on the landside levee slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	3.96	Rating **	M	Issue No.	26
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789128 °	37.789128 °
				-121.361042 °	-121.361042 °
DWR ID	DWR_RD2058_01_s _ 2012_26				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry on landside hinge point.					

No Photos

LM Start	3.97	Rating **	A/W	Issue No.	69
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789062 °	37.789062 °
				-121.360848 °	-121.360848 °
DWR ID	DWR_RD2058_01_s _ 2012_69				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.31	Rating **	M	Issue No.	24
LM End	5.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789768 °	37.779132 °
				-121.354919 °	-121.339619 °
DWR ID	DWR_RD2058_01_s _ 2016_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2058_111_24_20160324_00041.jpg



View of the vegetation on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	4.31	Rating **	A/W	Issue No.	71
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789794 °	37.789794 °
				-121.354883 °	-121.354883 °
DWR ID	DWR_RD2058_01_s _ 2012_71				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.43	Rating **	M	Issue No.	1
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID	DWR_RD2058_01_s _ 2016_1				
Comment Code					
Inspector Comment					
08/04/2015: No significant change observed.					
08/26/2014: No significant change observed.					
08/28/2013: No significant change observed.					
07/26/2012: The site has been visited, and no significant change has been observed.					
09/02/2011: This site was not visited due to the time limit.					
09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit.					
08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO.					
07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U".					
09/10/2008: Two large trees (2-3' DBH) with partial roots exposed.					
2007: Visited site 03/13/2007. [2015 Site ID:RD2058U01RM3.97]					

Photo 1 of 3 : SP_2016_RD2058_111_1_20160229_00001.jpg



Direct view of the erosion near a tree.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	4.77	Rating **	U	Issue No.	15
LM End	4.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.785862 °	37.785862 °
				-121.350303 °	-121.350303 °
DWR ID	DWR_RD2058_01_f_2013_15				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
The erosion has about a 3 foot vertical cut at the waterside levee toe.					

Photo 1 of 1 : SP_2016_RD2058_111_15_20160229_00007.jpg



View of the erosion at the waterside levee toe.

LM Start	4.81	Rating **	C	Issue No.	18
LM End	4.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.785265 °	37.785265 °
				-121.350060 °	-121.350060 °
DWR ID	DWR_RD2058_01_f_2015_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
LMA trimmed the tree fall 2015.					

No Photos

LM Start	5.63	Rating **	M	Issue No.	25
LM End	5.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.778515 °	37.778515 °
				-121.339136 °	-121.339136 °
DWR ID	DWR_RD2058_01_s_2016_25				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Paradise Cut	Left	6.58	03/22/2016 03/22/2016	Maksim Khashchuk

LM Start	5.97	Rating **	M	Issue No.	28
LM End	5.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.774886 °	37.774886 °
				-121.335122 °	-121.335122 °
DWR ID	DWR_RD2058_01_s_2016_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.09	Rating **	U	Issue No.	27
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.773629 °	37.773503 °
				-121.333688 °	-121.333550 °
DWR ID	DWR_RD2058_01_s_2016_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2016_RD2058_111_27_20160324_00042.jpg



View of the rodent burrows on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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